

UNITED CITIES GAS COMPANY  
REQUEST FOR PROPOSAL (April 1, 2000 through October 31, 2000)  
PANHANDLE EASTERN PIPELINE

**CONFIDENTIAL**

| Supplier: | Delivery Point | Price | Comments |
|-----------|----------------|-------|----------|
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# **NGPL GAS SUPPLY PLAN FOR ILLINOIS**

## **Vandalia**

|                                | April<br>2000  | May<br>2000 | June<br>2000 | July<br>2000 | August<br>2000 | September<br>2000 | October<br>2000 | November<br>2000 | December<br>2000 | January<br>2001 | February<br>2001 | March<br>2001 | Totals  |
|--------------------------------|----------------|-------------|--------------|--------------|----------------|-------------------|-----------------|------------------|------------------|-----------------|------------------|---------------|---------|
| Forecasted System Requirements | 39,239         | 19,572      | 15,908       | 14,070       | 15,330         | 17,955            | 40,005          | 63,525           | 101,955          | 126,210         | 85,050           | 87,360        | 504,105 |
| Less: Storage Withdrawals      | 5,400          | 0           | 0            | 0            | 0              | 0                 | 0               | 6,000            | 18,000           | 18,000          | 11,400           | 4,500         | 57,900  |
| Net System Requirements        | 33,839         | 19,572      | 15,908       | 14,070       | 15,330         | 17,955            | 40,005          | 57,525           | 83,955           | 108,210         | 73,650           | 82,860        | 446,205 |
| Plus Storage Injections        | 4,286          | 8,571       | 8,571        | 8,571        | 8,571          | 8,571             | 8,571           | 4,286            | 0                | 0               | 0                | 0             | 60,000  |
| Total System Requirements      | 38,124         | 28,143      | 24,479       | 22,641       | 23,901         | 26,526            | 48,576          | 61,811           | 83,955           | 108,210         | 73,650           | 82,860        | 459,062 |
| Fuel Rate Addition             | 4.52%<br>1,805 | 1,332       | 1,159        | 1,072        | 1,131          | 1,256             | 2,300           | 2,926            | 3,974            | 5,123           | 3,487            | 3,923         | 21,732  |
| Total Purchase Requirements    | 39,929         | 29,476      | 25,638       | 23,713       | 25,033         | 27,782            | 50,876          | 64,737           | 87,929           | 113,333         | 77,137           | 86,783        | 480,794 |
| Ave. Daily Requirement         | 1,331          | 951         | 855          | 765          | 808            | 926               | 1,641           | 2,158            | 2,836            | 3,656           | 2,755            | 2,799         |         |
| Baseload Purchase              | 1,198          | 951         | 855          | 765          | 808            | 926               | 1,641           | 1,726            | 1,921            | 2,757           | 2,204            | 2,240         |         |
| Maximum Storage (Daily Swing)  | 540            | 0           | 0            | 0            | 0              | 0                 | 0               | 1,200            | 1,200            | 1,200           | 1,144            | 900           |         |
| Maximum Swing Purchase         | 0              | 0           | 0            | 0            | 0              | 0                 | 0               | 224              | 2,329            | 1,993           | 212              | 660           |         |
| Forecasted Peaking             | 0              | 0           | 0            | 0            | 0              | 0                 | 0               | 0                | 0                | 0               | 0                | 0             |         |
| Forecasted Peak Day Totals     | 1,738          | 951         | 855          | 765          | 808            | 926               | 1,641           | 3,150            | 5,450            | 5,950           | 3,560            | 3,800         |         |

## **Altamont**

|                                | April<br>2000 | May<br>2000 | June<br>2000 | July<br>2000 | August<br>2000 | September<br>2000 | October<br>2000 | November<br>2000 | December<br>2000 | January<br>2001 | February<br>2001 | March<br>2001 | Totals  |
|--------------------------------|---------------|-------------|--------------|--------------|----------------|-------------------|-----------------|------------------|------------------|-----------------|------------------|---------------|---------|
| Forecasted System Requirements | 22,433        | 9,870       | 9,030        | 7,665        | 8,505          | 10,290            | 22,365          | 37,485           | 56,910           | 71,820          | 49,580           | 50,715        | 288,855 |
| Less: Storage Withdrawals      | 3,375         | 0           | 0            | 0            | 0              | 0                 | 0               | 2,500            | 7,500            | 7,500           | 4,750            | 1,875         | 24,125  |
| Net System Requirements        | 19,058        | 9,870       | 9,030        | 7,665        | 8,505          | 10,290            | 22,365          | 34,985           | 49,410           | 64,320          | 44,810           | 48,840        | 264,730 |
| Plus Storage Injections        | 1,786         | 3,571       | 3,571        | 3,571        | 3,571          | 3,571             | 3,571           | 1,786            | 0                | 0               | 0                | 0             | 25,000  |
| Total System Requirements      | 20,844        | 13,441      | 12,601       | 11,236       | 12,076         | 13,861            | 25,936          | 36,771           | 49,410           | 64,320          | 44,810           | 48,840        | 270,087 |
| Fuel Rate Addition             | 4.52%<br>987  | 636         | 597          | 532          | 572            | 656               | 1,228           | 1,741            | 2,339            | 3,045           | 2,121            | 2,312         | 12,788  |
| Total Purchase Requirements    | 21,831        | 14,078      | 13,198       | 11,768       | 12,648         | 14,518            | 27,164          | 38,511           | 51,749           | 67,365          | 46,931           | 51,152        | 282,873 |
| Ave. Daily Requirement         | 728           | 454         | 440          | 380          | 408            | 484               | 876             | 1,284            | 1,669            | 2,173           | 1,676            | 1,650         |         |
| Baseload Purchase              | 655           | 454         | 440          | 380          | 408            | 484               | 876             | 1,155            | 1,463            | 1,956           | 1,509            | 1,320         |         |
| Maximum Storage (Daily Swing)  | 500           | 0           | 0            | 0            | 0              | 0                 | 0               | 500              | 500              | 500             | 477              | 375           |         |
| Maximum Swing Purchase         | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 745              | 1,537            | 1,744           | 1,015            | 1,655         |         |
| Forecasted Peaking             | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 0                | 0                | 0               | 0                | 0             |         |
| Forecasted Peak Day Totals     | 1,155         | 454         | 440          | 380          | 408            | 484               | 876             | 2,400            | 3,500            | 4,200           | 3,000            | 3,350         |         |

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Offer for the 2000 - 2001 NGPL RFP

| Month                   | Apr-00 | May-00 | Jun-00 | Jul-00           | Aug-00 | Sep-00 | Oct-00 | Nov-00  | Dec-00  | Jan-01  | Feb-01  | Mar-01  |           |
|-------------------------|--------|--------|--------|------------------|--------|--------|--------|---------|---------|---------|---------|---------|-----------|
|                         | 30     | 31     | 30     | 31               | 31     | 30     | 31     | 30      | 31      | 31      | 28      | 31      |           |
| Total Estimated Use     | 70,535 | 43,553 | 38,836 | 35,482           | 37,681 | 42,300 | 78,040 | 111,748 | 165,178 | 206,198 | 140,218 | 144,310 | 1,114,078 |
| Total Monthly Purchases | 61,760 | 43,553 | 38,836 | 35,482           | 37,681 | 42,300 | 78,040 | 103,248 | 139,678 | 180,698 | 124,068 | 137,935 | 1,023,278 |
| Baseload                | 55,584 | 43,553 | 38,836 | 35,482           | 37,681 | 42,300 | 78,040 | 86,450  | 104,904 | 146,095 | 103,947 | 110,348 | 883,220   |
| Swing                   | 0      | 0      | 0      | 0                | 0      | 0      | 0      | 29,050  | 119,846 | 115,855 | 34,343  | 71,777  | 370,871   |
| Peak                    | 0      | 0      | 0      | 0                | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0         |
| Pricing Differentials*  |        |        |        |                  |        |        |        |         |         |         |         |         |           |
| Baseload - Midcont      |        |        |        | IF NGPL Midcont. |        |        |        |         |         |         |         |         |           |
| Baseload - TxOk         |        |        |        | IF NGPL TxOk     |        |        |        |         |         |         |         |         |           |
| Swing                   |        |        |        | GD - NGPL        |        |        |        |         |         |         |         |         |           |
| Peak                    |        |        |        | GD - NGPL        |        |        |        |         |         |         |         |         |           |
| Total Differential      |        |        |        |                  |        |        |        |         |         |         |         |         |           |
| Baseload                |        |        |        |                  |        |        |        |         |         |         |         |         |           |
| Swing                   |        |        |        |                  |        |        |        |         |         |         |         |         |           |
| Peak                    |        |        |        |                  |        |        |        |         |         |         |         |         |           |

Other Considerations Offer

Capacity Release Sharing

Management Fee

\* Differentials equal a premium, discount or calculated basis differential

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**Offer for the 2000 - 2001 NGPL RFP  
Option 1**

| Month                   | Apr-00<br>30 | May-00<br>31 | Jun-00<br>30 | Jul-00<br>31 | Aug-00<br>31 | Sep-00<br>30 | Oct-00<br>31 | Nov-00<br>30 | Dec-00<br>31 | Jan-01<br>31 | Feb-01<br>28 | Mar-01<br>31 |           |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Total Estimated Use     | 70,535       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 111,748      | 165,178      | 206,198      | 140,218      | 144,310      | 1,114,078 |
| Total Monthly Purchases | 61,760       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 103,248      | 139,678      | 180,698      | 124,068      | 137,935      | 1,023,278 |
| Baseload                | 55,584       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 86,450       | 104,904      | 146,095      | 103,947      | 110,348      | 883,220   |
| Swing                   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 29,050       | 119,846      | 115,855      | 34,343       | 71,777       | 370,871   |
| Peak                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0         |

**Pricing Differentials\***

|                           |                  |
|---------------------------|------------------|
| Baseload - Midcont        | IF NGPL Midcont. |
| Baseload - TxOk           | IF NGPL TxOk     |
| Swing                     | IF NGPL Midcont. |
| Peak                      | GD Midcont High  |
| Reservation Fee - 1st 10% | \$0.1200         |
| Reservation Fee - 90%     | \$0.3600         |

Total Differential  
Baseload  
Swing  
Peak  
Reservation Charges  
Reservation Charges

**Other Considerations Offered**

|                          |    |
|--------------------------|----|
| Capacity Release Sharing | \$ |
| Management Fee           | \$ |
| FTS-G Savings            | \$ |

\* Differentials equal a premium, discount or

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Offer for the 2000 - 2001 NGPL RFP  
Option 2

| Month                   | Apr-00 | May-00 | Jun-00 | Jul-00 | Aug-00 | Sep-00 | Oct-00 | Nov-00  | Dec-00  | Jan-01  | Feb-01  | Mar-01  |           |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|-----------|
|                         | 30     | 31     | 30     | 31     | 31     | 30     | 31     | 30      | 31      | 31      | 28      | 31      |           |
| Total Estimated Use     | 70,535 | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 111,748 | 165,178 | 206,198 | 140,218 | 144,310 | 1,114,078 |
| Total Monthly Purchases | 61,760 | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 103,248 | 138,678 | 180,698 | 124,068 | 137,935 | 1,023,278 |
| Baseload                | 55,584 | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 86,450  | 104,904 | 146,095 | 103,947 | 110,348 | 883,220   |
| Swing                   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 28,050  | 119,846 | 115,865 | 34,343  | 71,777  | 370,871   |
| Peak                    | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0         |

Pricing Differentials\*

|                           |                  |
|---------------------------|------------------|
| Baseload - Midcont        | IF NGPL Midcont. |
| Baseload - TxOk           | IF NGPL TxOk     |
| Swing                     | GD Midcont Ave   |
| Peak                      | GD Midcont High  |
| Reservation Fee - 1st 10% | \$0.1200         |
| Reservation Fee - 90%     | \$0.3600         |

Total Differential

Baseload

Swing

Peak

Reservation Charges

Reservation Charges

Reservation Charges \$0.01

Other Considerat:

Capacity Release Sharing

Management Fee

FTS-G Savings

\* Differentials equal a premium, di:

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Offer for the 2000 - 2001 NGPL RFP  
Option 2

| Month                     | Apr-00           | May-00 | Jun-00 | Jul-00 | Aug-00 | Sep-00 | Oct-00 | Nov-00  | Dec-00  | Jan-01  | Feb-01  | Mar-01  |           |
|---------------------------|------------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|-----------|
|                           | 30               | 31     | 30     | 31     | 31     | 30     | 31     | 30      | 31      | 31      | 28      | 31      |           |
| Total Estimated Use       | 70,535           | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 111,748 | 185,178 | 208,198 | 140,218 | 144,310 | 1,114,078 |
| Total Monthly Purchases   | \$1,760          | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 103,248 | 139,678 | 180,698 | 124,068 | 137,935 | 1,023,278 |
| Baseload                  | 55,584           | 43,553 | 38,836 | 35,482 | 37,681 | 42,300 | 78,040 | 88,450  | 104,904 | 146,095 | 103,947 | 110,348 | 883,220   |
| Swing                     | 0                | 0      | 0      | 0      | 0      | 0      | 0      | 29,050  | 119,846 | 115,855 | 34,343  | 71,777  | 370,871   |
| Peak                      | 0                | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0       | 0       | 0       | 0       | 0         |
| Pricing Differentials*    |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Baseload - Midcont        | IF NGPL Midcont. |        |        |        |        |        |        |         |         |         |         |         |           |
| Baseload - TxOk           | IF NGPL TxOk     |        |        |        |        |        |        |         |         |         |         |         |           |
| Swing                     | GD Midcont Ave   |        |        |        |        |        |        |         |         |         |         |         |           |
| Peak                      | GD Midcont High  |        |        |        |        |        |        |         |         |         |         |         |           |
| Reservation Fee - 1st 10% | \$0.1200         |        |        |        |        |        |        |         |         |         |         |         |           |
| Reservation Fee - 90%     | \$0.3800         |        |        |        |        |        |        |         |         |         |         |         |           |
| Total Differential        |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Baseload                  |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Swing                     |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Peak                      |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Reservation Charges       |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Reservation Charges       |                  |        |        |        |        |        |        |         |         |         |         |         |           |
| Reservation Charges       |                  |        |        |        |        |        |        |         |         |         |         |         |           |

Other Considerations

Capacity Release Sharing  
Management Fee  
FTS-G Savings

\* Differentials equal a premium, discount or savings

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ffer for the 2000 - 2001 NGPL RFP

| Month                   | Apr-00<br>30 | May-00<br>31 | Jun-00<br>30 | Jul-00<br>31 | Aug-00<br>31 | Sep-00<br>30 | Oct-00<br>31 | Nov-00<br>30 | Dec-00<br>31 | Jan-01<br>31 | Feb-01<br>28 | Mar-01<br>31 |           |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Total Estimated Use     | 70,535       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 111,748      | 165,178      | 206,198      | 140,218      | 144,310      | 1,114,078 |
| Total Monthly Purchases | 61,780       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 103,248      | 139,678      | 180,698      | 124,068      | 137,935      | 1,023,278 |
| Baseload                | 55,584       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 86,450       | 104,904      | 146,065      | 103,947      | 110,348      | 883,220   |
| Swing                   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 29,050       | 119,846      | 115,855      | 34,343       | 71,777       | 370,871   |
| Peak                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0         |
| Pricing Differentials*  |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload - Midcont      |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload - TxOk         |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Swing                   |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Peak                    |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Total Differential      |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload                |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Swing                   |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Peak                    | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00       | \$0.00    |

Other Considerations

Capacity Release Sharing  
Management Fee  
FTS-G Savings

\* Differentials equal a premium, discount

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Offer for the 2000 - 2001 RFP

| Month                   | Apr-00<br>30 | May-00<br>31 | Jun-00<br>30 | Jul-00<br>31 | Aug-00<br>31 | Sep-00<br>30 | Oct-00<br>31 | Nov-00<br>30 | Dec-00<br>31 | Jan-01<br>31 | Feb-01<br>28 | Mar-01<br>31 |           |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
| Total Estimated Use     | 70,535       | 43,553       | 38,838       | 35,482       | 37,881       | 42,300       | 78,040       | 111,748      | 165,178      | 206,198      | 140,218      | 144,310      | 1,114,078 |
| Total Monthly Purchases | 81,780       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 103,248      | 139,678      | 180,698      | 124,068      | 137,935      | 1,023,278 |
| Baseload                | 55,584       | 43,553       | 38,836       | 35,482       | 37,681       | 42,300       | 78,040       | 86,450       | 104,904      | 146,095      | 103,947      | 110,348      | 883,220   |
| Swing                   | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 29,050       | 119,846      | 115,855      | 34,343       | 71,777       | 370,871   |
| Peak                    | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0         |
| Pricing Differentials*  |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload - Midcont      |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload - TxOk         |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Swing                   |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Peak                    |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Total Differential      |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Baseload                |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Swing                   |              |              |              |              |              |              |              |              |              |              |              |              |           |
| Peak                    |              |              |              |              |              |              |              |              |              |              |              |              |           |

Other Considerations Offered

Capacity Release Sharing 65/35 split  
Management Fee \$

\* Differentials equal a premium, discount or calculated basis differential

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| Month<br>Day              | November<br>1998 | December<br>1998 | January<br>1999 | February<br>1999 | March<br>1999 | November<br>1998 | December<br>1998 | January<br>1999 | February<br>1999 | March<br>1999 |
|---------------------------|------------------|------------------|-----------------|------------------|---------------|------------------|------------------|-----------------|------------------|---------------|
| 1                         | 724              | 1,305            | 4,358           | 2,116            | 1,877         | 1,123            | 2,042            | 5,305           | 2,846            | 2,548         |
| 2                         | 1,438            | 885              | 3,618           | 2,428            | 2,540         | 1,990            | 1,428            | 5,224           | 3,303            | 3,293         |
| 3                         | 1,889            | 603              | 4,045           | 2,181            | 3,044         | 2,887            | 1,041            | 6,187           | 2,969            | 4,133         |
| 4                         | 2,124            | 568              | 4,442           | 2,630            | 2,339         | 3,131            | 981              | 6,861           | 3,567            | 3,095         |
| 5                         | 2,215            | 481              | 3,670           | 1,822            | 2,456         | 3,013            | 976              | 5,735           | 2,640            | 2,924         |
| 6                         | 2,394            | 837              | 3,360           | 1,645            | 3,362         | 3,147            | 1,506            | 5,086           | 2,321            | 4,187         |
| 7                         | 1,758            | 1,858            | 4,567           | 2,242            | 3,071         | 2,752            | 2,868            | 5,951           | 2,969            | 3,949         |
| 8                         | 1,528            | 2,271            | 3,725           | 1,756            | 3,579         | 2,467            | 3,459            | 5,775           | 2,257            | 4,298         |
| 9                         | 1,433            | 1,953            | 3,878           | 1,733            | 3,191         | 2,058            | 3,226            | 6,070           | 2,269            | 3,929         |
| 10                        | 1,635            | 2,288            | 3,499           | 1,124            | 2,959         | 2,490            | 3,593            | 5,265           | 1,543            | 3,826         |
| 11                        | 1,983            | 1,974            | 2,906           | 2,052            | 2,815         | 2,996            | 3,239            | 4,396           | 2,714            | 3,587         |
| 12                        | 1,459            | 1,596            | 2,273           | 3,319            | 2,713         | 2,343            | 2,769            | 3,607           | 4,458            | 3,425         |
| 13                        | 1,338            | 1,459            | 3,458           | 2,696            | 3,192         | 2,340            | 2,697            | 5,158           | 3,906            | 3,973         |
| 14                        | 1,009            | 1,998            | 3,405           | 2,225            | 3,040         | 1,965            | 2,998            | 5,296           | 3,319            | 3,959         |
| 15                        | 1,374            | 1,842            | 2,773           | 1,874            | 2,319         | 2,543            | 2,945            | 4,377           | 2,744            | 2,937         |
| 16                        | 1,413            | 2,115            | 2,030           | 2,554            | 1,701         | 2,478            | 3,344            | 3,295           | 3,338            | 2,108         |
| 17                        | 1,702            | 2,207            | 2,166           | 2,622            | 1,682         | 2,691            | 3,462            | 3,377           | 3,547            | 1,899         |
| 18                        | 1,349            | 1,749            | 2,712           | 2,533            | 2,100         | 2,065            | 2,796            | 4,031           | 3,587            | 2,512         |
| 19                        | 1,447            | 1,880            | 2,464           | 2,468            | 2,049         | 2,288            | 3,206            | 3,647           | 3,320            | 2,476         |
| 20                        | 1,753            | 1,837            | 2,008           | 2,640            | 1,798         | 2,827            | 3,085            | 3,106           | 3,710            | 2,245         |
| 21                        | 1,517            | 3,493            | 1,609           | 2,769            | 2,135         | 2,495            | 5,331            | 2,374           | 4,013            | 2,538         |
| 22                        | 1,243            | 3,551            | 1,372           | 2,920            | 2,245         | 2,054            | 5,785            | 2,035           | 4,021            | 2,717         |
| 23                        | 1,250            | 3,418            | 2,341           | 3,047            | 2,329         | 2,031            | 5,492            | 3,472           | 4,060            | 2,695         |
| 24                        | 1,225            | 2,923            | 2,272           | 2,682            | 2,151         | 2,099            | 4,735            | 3,356           | 3,683            | 2,519         |
| 25                        | 1,229            | 2,739            | 2,546           | 2,722            | 2,510         | 2,085            | 4,381            | 3,932           | 3,645            | 3,019         |
| 26                        | 1,027            | 2,380            | 1,823           | 1,903            | 2,210         | 1,756            | 3,956            | 2,738           | 2,620            | 2,875         |
| 27                        | 895              | 2,232            | 1,379           | 1,883            | 1,752         | 1,568            | 3,848            | 2,091           | 2,203            | 2,232         |
| 28                        | 572              | 2,216            | 2,658           | 2,549            | 1,978         | 1,080            | 3,701            | 3,830           | 3,299            | 2,405         |
| 29                        | 589              | 3,548            | 2,529           | 0                | 1,455         | 1,068            | 5,532            | 3,675           | 0                | 1,911         |
| 30                        | 1,120            | 3,624            | 2,346           | 0                | 1,373         | 1,765            | 5,808            | 3,338           | 0                | 1,656         |
| 31                        | 0                | 3,491            | 2,344           | 0                | 1,496         | 0                | 5,422            | 3,280           | 0                | 1,834         |
| Totals                    | 42,632           | 65,321           | 88,576          | 64,935           | 73,461        | 67,595           | 105,652          | 131,870         | 88,871           | 91,704        |
| Transport                 | 6,896            | 11,100           | 20,180          | 17,700           | 25,250        | 7,051            | 9,441            | 11,740          | 8,100            | 8,510         |
| System Supply             | 35,736           | 54,221           | 68,396          | 47,235           | 48,211        | 60,544           | 96,211           | 120,130         | 80,771           | 83,194        |
| Trans. %                  | 16.176%          | 16.993%          | 22.783%         | 27.258%          | 34.372%       | 10.431%          | 8.936%           | 8.903%          | 9.114%           | 9.280%        |
| System %                  | 83.824%          | 83.007%          | 77.217%         | 72.742%          | 65.628%       | 89.569%          | 91.064%          | 91.097%         | 90.886%          | 90.720%       |
| Min                       | 479              | 399              | 1,059           | 818              | 901           | 957              | 889              | 1,854           | 1,402            | 1,502         |
| Max                       | 2,007            | 3,008            | 3,527           | 2,414            | 2,349         | 2,819            | 5,289            | 6,250           | 4,052            | 3,899         |
| Aver                      | 1,191            | 1,749            | 2,206           | 1,687            | 1,555         | 2,018            | 3,104            | 3,875           | 2,885            | 2,684         |
| Difference<br>Max vs Ave. | 816              | 1,259            | 1,320           | 727              | 794           | 801              | 2,185            | 2,375           | 1,167            | 1,215         |
| Swing                     | 0                | 745              | 1,537           | 1,744            | 1,015         | 0                | 1,200            | 1,200           | 1,200            | 1,144         |
|                           | 816              | 514              | (217)           | (1,017)          | (221)         | 801              | 985              | 1,175           | (33)             | 71            |
| Max. With.<br>Peaking     | 500              | 500              | 500             | 500              | 500           | 1,200            | 1,200            | 1,200           | 1,200            | 1,200         |
|                           | 316              | 14               | 0               | 0                | 0             | 0                | 0                | 0               | 0                | 0             |
|                           |                  |                  |                 |                  |               | 61%              | 62%              | 60%             | 58%              | 56%           |

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|           | Neeleyville |          |         |          |        | Cowden Shelby |          |         |          |       | Vandalia |          |         |          |        | Kinmundy |          |         |          |       |
|-----------|-------------|----------|---------|----------|--------|---------------|----------|---------|----------|-------|----------|----------|---------|----------|--------|----------|----------|---------|----------|-------|
| Month     | November    | December | January | February | March  | November      | December | January | February | March | November | December | January | February | March  | November | December | January | February | March |
| Day       | 1998        | 1998     | 1999    | 1999     | 1999   | 1998          | 1998     | 1999    | 1999     | 1999  | 1998     | 1998     | 1999    | 1999     | 1999   | 1998     | 1998     | 1999    | 1999     | 1999  |
| 1         | 31          | 106      | 312     | 183      | 113    | 67            | 120      | 295     | 144      | 134   | 942      | 1,883    | 4,199   | 2,294    | 2,085  | 83       | 153      | 499     | 245      | 216   |
| 2         | 40          | 72       | 364     | 180      | 151    | 201           | 63       | 307     | 177      | 185   | 1,561    | 1,149    | 4,065   | 2,651    | 2,672  | 188      | 144      | 488     | 295      | 285   |
| 3         | 81          | 52       | 392     | 152      | 207    | 276           | 28       | 370     | 165      | 239   | 2,264    | 912      | 4,849   | 2,389    | 3,314  | 266      | 49       | 576     | 263      | 373   |
| 4         | 137         | 67       | 414     | 163      | 154    | 218           | 29       | 374     | 208      | 180   | 2,461    | 820      | 5,461   | 2,886    | 2,489  | 315      | 65       | 612     | 310      | 272   |
| 5         | 152         | 39       | 323     | 116      | 140    | 174           | 40       | 338     | 155      | 158   | 2,439    | 831      | 4,581   | 2,150    | 2,358  | 248      | 66       | 493     | 219      | 268   |
| 6         | 148         | 54       | 254     | 94       | 212    | 200           | 79       | 299     | 136      | 250   | 2,552    | 1,264    | 4,095   | 1,898    | 3,329  | 247      | 109      | 438     | 193      | 396   |
| 7         | 133         | 138      | 347     | 121      | 230    | 150           | 139      | 330     | 179      | 219   | 2,158    | 2,360    | 4,780   | 2,390    | 3,137  | 311      | 231      | 514     | 279      | 363   |
| 8         | 113         | 179      | 344     | 85       | 216    | 129           | 179      | 318     | 119      | 261   | 2,021    | 2,812    | 4,612   | 1,889    | 3,435  | 204      | 289      | 501     | 184      | 386   |
| 9         | 83          | 176      | 356     | 83       | 194    | 119           | 157      | 354     | 120      | 217   | 1,657    | 2,639    | 4,807   | 1,876    | 3,168  | 199      | 254      | 553     | 190      | 350   |
| 10        | 117         | 185      | 297     | 72       | 214    | 167           | 195      | 312     | 78       | 213   | 1,968    | 2,922    | 4,190   | 1,269    | 3,053  | 238      | 291      | 466     | 126      | 346   |
| 11        | 133         | 173      | 249     | 145      | 203    | 203           | 169      | 250     | 153      | 207   | 2,379    | 2,636    | 3,519   | 2,174    | 2,858  | 281      | 261      | 378     | 242      | 319   |
| 12        | 127         | 171      | 163     | 210      | 222    | 211           | 160      | 199     | 295      | 186   | 1,788    | 2,211    | 2,948   | 3,541    | 2,708  | 217      | 227      | 297     | 412      | 309   |
| 13        | 98          | 155      | 270     | 211      | 267    | 316           | 152      | 301     | 236      | 230   | 1,698    | 2,152    | 4,146   | 3,084    | 3,077  | 227      | 238      | 441     | 373      | 379   |
| 14        | 79          | 182      | 319     | 184      | 270    | 388           | 161      | 311     | 195      | 219   | 1,344    | 2,655    | 4,205   | 2,631    | 3,098  | 156      | 0        | 481     | 309      | 372   |
| 15        | 112         | 179      | 295     | 153      | 213    | 305           | 141      | 258     | 146      | 139   | 1,937    | 2,390    | 3,441   | 2,199    | 2,332  | 189      | 235      | 383     | 246      | 253   |
| 16        | 92          | 172      | 199     | 172      | 133    | 465           | 168      | 196     | 188      | 98    | 1,770    | 2,725    | 2,608   | 2,684    | 1,703  | 151      | 279      | 292     | 293      | 174   |
| 17        | 114         | 192      | 175     | 175      | 82     | 445           | 172      | 201     | 198      | 120   | 1,956    | 2,800    | 2,709   | 2,851    | 1,554  | 176      | 298      | 292     | 323      | 143   |
| 18        | 78          | 165      | 207     | 208      | 98     | 360           | 147      | 255     | 195      | 139   | 1,507    | 2,244    | 3,223   | 2,867    | 2,055  | 120      | 240      | 348     | 319      | 220   |
| 19        | 101         | 175      | 158     | 166      | 114    | 342           | 165      | 232     | 186      | 140   | 1,690    | 2,598    | 2,953   | 2,654    | 2,009  | 155      | 268      | 304     | 314      | 213   |
| 20        | 128         | 167      | 113     | 212      | 170    | 237           | 156      | 211     | 212      | 141   | 2,238    | 2,518    | 2,540   | 2,921    | 1,728  | 226      | 244      | 242     | 365      | 208   |
| 21        | 127         | 270      | 80      | 265      | 134    | 160           | 307      | 147     | 219      | 169   | 1,981    | 4,300    | 1,968   | 3,153    | 2,002  | 227      | 454      | 179     | 376      | 233   |
| 22        | 114         | 355      | 108     | 230      | 133    | 121           | 310      | 98      | 212      | 185   | 1,656    | 4,627    | 1,669   | 3,218    | 2,172  | 163      | 493      | 160     | 360      | 227   |
| 23        | 90          | 347      | 196     | 222      | 171    | 196           | 290      | 197     | 210      | 147   | 1,608    | 4,386    | 2,752   | 3,265    | 2,163  | 137      | 469      | 327     | 363      | 214   |
| 24        | 76          | 316      | 183     | 167      | 109    | 195           | 250      | 188     | 195      | 193   | 1,637    | 3,745    | 2,685   | 2,984    | 2,009  | 191      | 424      | 300     | 337      | 208   |
| 25        | 93          | 276      | 191     | 136      | 152    | 168           | 235      | 240     | 191      | 242   | 1,665    | 3,472    | 3,169   | 2,903    | 2,361  | 161      | 398      | 332     | 325      | 264   |
| 26        | 101         | 247      | 120     | 94       | 158    | 103           | 205      | 198     | 146      | 246   | 1,420    | 3,146    | 2,198   | 2,150    | 2,227  | 132      | 358      | 222     | 230      | 244   |
| 27        | 85          | 248      | 77      | 104      | 129    | 78            | 202      | 154     | 127      | 224   | 1,300    | 3,067    | 1,709   | 1,782    | 1,682  | 105      | 331      | 151     | 190      | 197   |
| 28        | 60          | 244      | 165     | 138      | 137    | 44            | 182      | 235     | 205      | 169   | 912      | 2,943    | 3,097   | 2,652    | 1,900  | 64       | 332      | 333     | 304      | 199   |
| 29        | 52          | 296      | 234     |          | 95     | 40            | 304      | 191     |          | 265   | 910      | 4,401    | 2,917   |          | 1,422  | 66       | 531      | 333     |          | 129   |
| 30        | 81          | 324      | 193     |          | 79     | 91            | 293      | 190     |          | 234   | 1,466    | 4,682    | 2,626   |          | 1,226  | 127      | 509      | 329     |          | 117   |
| 31        |             | 281      | 165     |          | 89     |               | 293      | 181     |          | 218   |          | 4,352    | 2,641   |          | 1,388  |          | 496      | 293     |          | 139   |
| Totals    | 2,975       | 6,003    | 7,263   | 4,419    | 5,009  | 6,165         | 5,491    | 7,730   | 4,991    | 5,967 | 52,885   | 85,422   | 105,342 | 71,476   | 72,712 | 5,570    | 8,736    | 11,535  | 7,985    | 8,016 |
| Pg Totals | 67,595      | 105,652  | 131,870 | 88,871   | 91,704 |               |          |         |          |       |          |          |         |          |        |          |          |         |          |       |
|           | 67,595      | 105,652  | 131,870 | 88,871   | 91,704 |               |          |         |          |       |          |          |         |          |        |          |          |         |          |       |
|           | 0           | 0        | 0       | 0        | 0      |               |          |         |          |       |          |          |         |          |        |          |          |         |          |       |

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| Month<br>Day | Beecher          |                  |                 |                  |               | St. Elmo         |                  |                 |                  |               | St. Peter        |                  |                 |                  |               |
|--------------|------------------|------------------|-----------------|------------------|---------------|------------------|------------------|-----------------|------------------|---------------|------------------|------------------|-----------------|------------------|---------------|
|              | November<br>1998 | December<br>1998 | January<br>1999 | February<br>1999 | March<br>1999 | November<br>1998 | December<br>1998 | January<br>1999 | February<br>1999 | March<br>1999 | November<br>1998 | December<br>1998 | January<br>1999 | February<br>1999 | March<br>1999 |
| 1            | 43               | 84               | 229             | 117              | 106           | 568              | 1,007            | 3,573           | 1,700            | 1,487         | 113              | 214              | 558             | 299              | 284           |
| 2            | 91               | 55               | 218             | 133              | 145           | 1,005            | 678              | 2,885           | 1,954            | 2,047         | 342              | 154              | 535             | 341              | 348           |
| 3            | 116              | 28               | 263             | 127              | 170           | 1,371            | 484              | 3,231           | 1,735            | 2,444         | 402              | 93               | 551             | 319              | 430           |
| 4            | 131              | 26               | 287             | 152              | 130           | 1,596            | 445              | 3,449           | 2,105            | 1,883         | 397              | 97               | 706             | 373              | 328           |
| 5            | 116              | 28               | 233             | 118              | 128           | 1,516            | 375              | 2,844           | 1,441            | 2,012         | 583              | 78               | 593             | 263              | 316           |
| 6            | 123              | 51               | 211             | 107              | 188           | 1,747            | 658              | 2,615           | 1,338            | 2,760         | 524              | 128              | 534             | 202              | 414           |
| 7            | 110              | 109              | 230             | 150              | 174           | 1,373            | 1,368            | 3,734           | 1,800            | 2,491         | 275              | 381              | 603             | 292              | 406           |
| 8            | 100              | 137              | 232             | 100              | 183           | 1,204            | 1,732            | 2,909           | 1,407            | 2,921         | 224              | 402              | 584             | 249              | 475           |
| 9            | 89               | 124              | 250             | 95               | 167           | 1,127            | 1,523            | 3,029           | 1,401            | 2,593         | 217              | 306              | 599             | 237              | 431           |
| 10           | 99               | 144              | 227             | 66               | 157           | 1,264            | 1,791            | 2,751           | 880              | 2,385         | 272              | 353              | 521             | 178              | 417           |
| 11           | 113              | 119              | 177             | 105              | 150           | 1,422            | 1,555            | 2,275           | 1,853            | 2,285         | 448              | 300              | 454             | 294              | 380           |
| 12           | 86               | 111              | 139             | 189              | 147           | 1,089            | 1,252            | 1,777           | 2,640            | 2,214         | 284              | 233              | 357             | 480              | 352           |
| 13           | 67               | 114              | 215             | 172              | 172           | 1,049            | 1,091            | 2,712           | 2,135            | 2,615         | 222              | 254              | 531             | 389              | 405           |
| 14           | 57               | 118              | 209             | 143              | 169           | 785              | 1,539            | 2,857           | 1,767            | 2,457         | 187              | 341              | 539             | 325              | 414           |
| 15           | 87               | 112              | 177             | 114              | 122           | 1,069            | 1,424            | 2,181           | 1,467            | 1,895         | 218              | 306              | 415             | 293              | 302           |
| 16           | 87               | 136              | 136             | 142              | 84            | 1,046            | 1,831            | 1,595           | 2,057            | 1,410         | 280              | 348              | 299             | 355              | 207           |
| 17           | 98               | 142              | 139             | 155              | 85            | 1,200            | 1,711            | 1,709           | 2,095            | 1,406         | 404              | 354              | 318             | 372              | 191           |
| 18           | 71               | 114              | 168             | 147              | 108           | 931              | 1,343            | 2,135           | 2,008            | 1,720         | 347              | 292              | 409             | 378              | 272           |
| 19           | 83               | 126              | 147             | 144              | 113           | 1,075            | 1,483            | 1,936           | 1,972            | 1,684         | 289              | 271              | 381             | 352              | 252           |
| 20           | 116              | 124              | 125             | 180              | 96            | 1,357            | 1,441            | 1,577           | 2,099            | 1,499         | 280              | 272              | 306             | 381              | 203           |
| 21           | 107              | 218              | 98              | 169              | 120           | 1,181            | 2,724            | 1,285           | 2,223            | 1,785         | 229              | 551              | 228             | 377              | 250           |
| 22           | 86               | 228              | 82              | 164              | 114           | 954              | 2,745            | 1,107           | 2,332            | 1,845         | 203              | 580              | 183             | 424              | 286           |
| 23           | 64               | 211              | 141             | 167              | 118           | 941              | 2,663            | 1,875           | 2,453            | 1,932         | 245              | 544              | 325             | 427              | 279           |
| 24           | 80               | 196              | 145             | 155              | 94            | 925              | 2,303            | 1,802           | 2,147            | 1,805         | 220              | 424              | 325             | 380              | 252           |
| 25           | 83               | 183              | 155             | 151              | 119           | 951              | 2,142            | 2,010           | 2,181            | 2,070         | 195              | 414              | 381             | 390              | 321           |
| 26           | 75               | 164              | 110             | 113              | 121           | 796              | 1,857            | 1,420           | 1,519            | 1,842         | 156              | 359              | 293             | 271              | 247           |
| 27           | 53               | 146              | 81              | 99               | 96            | 709              | 1,728            | 1,086           | 1,394            | 1,470         | 133              | 358              | 212             | 190              | 186           |
| 28           | 30               | 137              | 154             | 149              | 108           | 466              | 1,716            | 2,119           | 2,091            | 1,855         | 76               | 383              | 385             | 309              | 215           |
| 29           | 29               | 234              | 148             |                  | 60            | 470              | 2,743            | 2,041           |                  | 1,219         | 90               | 571              | 339             |                  | 176           |
| 30           | 61               | 231              | 143             |                  | 52            | 864              | 2,817            | 1,883           |                  | 1,162         | 195              | 578              | 320             |                  | 159           |
| 31           |                  | 232              | 138             |                  | 72            |                  | 2,729            | 1,894           |                  | 1,240         |                  | 530              | 312             |                  | 184           |
| Totals       | 2,551            | 4,178            | 5,406           | 3,813            | 3,868         | 32,031           | 50,898           | 70,076          | 51,982           | 60,213        | 8,050            | 10,447           | 13,094          | 9,140            | 9,380         |
| Pg Totals    | 42,832           | 65,321           | 88,576          | 64,935           | 73,461        |                  |                  |                 |                  |               |                  |                  |                 |                  |               |

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# NGPL GAS SUPPLY PLAN FOR ILLINOIS

## Vandalia

|                                | April<br>1999 | May<br>1999 | June<br>1999 | July<br>1999 | August<br>1999 | September<br>1999 | October<br>1999 | November<br>1999 | December<br>1999 | January<br>2000 | February<br>2000 | March<br>2000 | Totals  |
|--------------------------------|---------------|-------------|--------------|--------------|----------------|-------------------|-----------------|------------------|------------------|-----------------|------------------|---------------|---------|
| Forecasted System Requirements | 39,239        | 19,572      | 15,908       | 14,070       | 15,330         | 17,955            | 40,005          | 65,085           | 103,427          | 129,137         | 86,842           | 89,431        | 513,926 |
| Less: Storage Withdrawals      | 5,400         | 0           | 0            | 0            | 0              | 0                 | 0               | 6,000            | 18,000           | 18,000          | 11,400           | 4,500         | 57,900  |
| Net System Requirements        | 33,839        | 19,572      | 15,908       | 14,070       | 15,330         | 17,955            | 40,005          | 59,085           | 85,427           | 111,137         | 75,442           | 84,931        | 456,026 |
| Plus Storage Injections        | 4,286         | 8,571       | 8,571        | 8,571        | 8,571          | 8,571             | 8,571           | 4,286            | 0                | 0               | 0                | 0             | 60,000  |
| Total System Requirements      | 38,124        | 28,143      | 24,479       | 22,641       | 23,901         | 26,526            | 48,576          | 63,371           | 85,427           | 111,137         | 75,442           | 84,931        | 468,883 |
| Fuel Rate A 4.52%              | 1,805         | 1,332       | 1,159        | 1,072        | 1,131          | 1,256             | 2,300           | 3,000            | 4,044            | 5,261           | 3,571            | 4,021         | 22,197  |
| Total Purchase Requirements    | 39,929        | 29,476      | 25,638       | 23,713       | 25,033         | 27,782            | 50,876          | 66,370           | 89,471           | 116,398         | 79,013           | 88,952        | 491,080 |
| Ave. Daily Requirement         | 1,331         | 851         | 855          | 765          | 808            | 926               | 1,641           | 2,212            | 2,886            | 3,755           | 2,822            | 2,869         |         |
| Baseload Purchase              | 1,198         | 951         | 855          | 765          | 808            | 926               | 1,641           | 1,146            | 2,005            | 2,005           | 2,005            | 1,146         |         |
| Maximum Storage (Daily Swing)  | 540           | 0           | 0            | 0            | 0              | 0                 | 0               | 857              | 847              | 1,677           | 472              | 1,417         |         |
| Maximum Swing Purchase         | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 1,147            | 2,598            | 2,268           | 1,083            | 1,238         |         |
| Forecasted Peaking             | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 0                | 0                | 0               | 0                | 0             |         |
| Forecasted Peak Day Totals     | 1,738         | 951         | 855          | 765          | 808            | 926               | 1,641           | 3,150            | 5,450            | 5,950           | 3,560            | 3,800         |         |

## Itamont

|                                | April<br>1999 | May<br>1999 | June<br>1999 | July<br>1999 | August<br>1999 | September<br>1999 | October<br>1999 | November<br>1999 | December<br>1999 | January<br>2000 | February<br>2000 | March<br>2000 | Totals  |
|--------------------------------|---------------|-------------|--------------|--------------|----------------|-------------------|-----------------|------------------|------------------|-----------------|------------------|---------------|---------|
| Forecasted System Requirements | 22,433        | 9,870       | 9,030        | 7,865        | 8,505          | 10,290            | 22,365          | 38,416           | 58,289           | 73,518          | 50,760           | 51,819        | 295,188 |
| Less: Storage Withdrawals      | 3,375         | 0           | 0            | 0            | 0              | 0                 | 0               | 2,500            | 7,500            | 7,500           | 4,750            | 1,875         | 24,125  |
| Net System Requirements        | 19,058        | 9,870       | 9,030        | 7,865        | 8,505          | 10,290            | 22,365          | 35,916           | 50,789           | 66,018          | 46,010           | 49,944        | 271,043 |
| Plus Storage Injections        | 1,786         | 3,571       | 3,571        | 3,571        | 3,571          | 3,571             | 3,571           | 1,786            | 0                | 0               | 0                | 0             | 25,000  |
| Total System Requirements      | 20,844        | 13,441      | 12,601       | 11,236       | 12,076         | 13,861            | 25,936          | 37,702           | 50,789           | 66,018          | 46,010           | 49,944        | 276,400 |
| Fuel Rate A 4.52%              | 987           | 636         | 597          | 532          | 572            | 656               | 1,228           | 1,785            | 2,404            | 3,125           | 2,178            | 2,364         | 13,085  |
| Total Purchase Requirements    | 21,831        | 14,078      | 13,198       | 11,768       | 12,648         | 14,518            | 27,164          | 39,487           | 53,193           | 69,143          | 48,189           | 52,309        | 289,485 |
| Ave. Daily Requirement         | 728           | 454         | 440          | 380          | 408            | 484               | 876             | 1,316            | 1,716            | 2,230           | 1,721            | 1,687         |         |
| Baseload Purchase              | 655           | 454         | 440          | 380          | 408            | 484               | 876             | 764              | 1,337            | 1,337           | 1,337            | 764           |         |
| Maximum Storage (Daily Swing)  | 500           | 0           | 0            | 0            | 0              | 0                 | 0               | 450              | 350              | 841             | 207              | 779           |         |
| Maximum Swing Purchase         | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 1,186            | 1,813            | 2,022           | 1,457            | 1,807         |         |
| Forecasted Peaking             | 0             | 0           | 0            | 0            | 0              | 0                 | 0               | 0                | 0                | 0               | 0                | 0             |         |
| Forecasted Peak Day Totals     | 1,155         | 454         | 440          | 380          | 408            | 484               | 876             | 2,400            | 3,500            | 4,200           | 3,000            | 3,350         |         |

## Days in Month

30 31 31 29 31

## Historical Daily Requirements

|          | Minimum | Average | Peak Day | Purchased Daily | Baseload              |
|----------|---------|---------|----------|-----------------|-----------------------|
| Vandalia |         |         |          | Baseload        | Difference plus diff. |
| Nov-98   | 1,068   | 2,253   | 3,147    | 1,146           | 78 1,726 894          |
| Dec-98   | 921     | 3,215   | 5,478    | 2,005           | 1,084 1,921 2,263     |
| Jan-99   | 1,757   | 3,673   | 5,924    | 2,005           | 248 2,757 2,251       |
| Feb-99   | 1,230   | 2,531   | 3,555    | 2,005           | 775 2,204 1,024       |
| Mar-99   | 1,450   | 2,590   | 3,764    | 1,146           | (304) 2,240 1,174     |
| Altamont |         |         |          |                 |                       |
| Nov-98   | 572     | 1,421   | 2,394    | 764             | 192 1,155 973         |
| Dec-98   | 463     | 2,026   | 3,485    | 1,337           | 874 1,463 1,459       |
| Jan-99   | 1,256   | 2,515   | 4,180    | 1,337           | 81 1,956 1,585        |
| Feb-99   | 994     | 2,051   | 2,936    | 1,337           | 343 1,509 885         |
| Mar-99   | 1,284   | 2,216   | 3,348    | 764             | (520) 1,320 1,132     |

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## Estimated FST-G Usage

|          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 443   | 2,753 | 2,423 | 1,238 | 533   |
|----------|---|---|---|---|---|---|---|-------|-------|-------|-------|-------|
| Vandalia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 750   | 1,950 | 2,159 | 1,593 | 1,371 |
| Altamont |   |   |   |   |   |   |   |       |       |       |       |       |
|          |   |   |   |   |   |   |   | 2,000 | 3,500 | 3,500 | 3,500 | 2,000 |
|          |   |   |   |   |   |   |   | 60/40 | 60/41 | 60/42 | 60/43 | 60/44 |
|          |   |   |   |   |   |   |   | 4.52% | 4.52% | 4.52% | 4.52% | 4.52% |

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.36

QUESTION: Explain all reasons why your utility believes that any lower priced alternative source identified in staff data request ENG 2.35 is inferior or less desirable than the contract in effect during the reconciliation period.

RESPONSE: Each successful bid was the lowest priced alternative source in this case. However, *in some instances, the bidder with the lowest bid may not meet operational requirements.*

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.37

**QUESTION:** How many entities does your utility contact when obtaining bids for its firm and spot gas purchases? Also, if your utility purchases propane, identify the number of entities contacted for those purchases.

**RESPONSE:** The Company maintains an active bid list with numerous Suppliers that are active in the area that have proven performance records with the Company or by references.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.38

QUESTION: What provision(s) does your utility include in its spot market contracts to ensure that the spot suppliers maintain the contracted delivery to the utility. Is this provision(s) included in all of the utility's spot market purchase contracts? If not, then explain why not.

RESPONSE: Beginning in Fall, 1997, United Cities started to use the GISB contract. This is a standardized contract to which we have made amendments. Standardizing the contract simplifies the contract approval process. These contracts allow for *termination if the Supplier fails to deliver the contracted quantity.*

When United Cities contracts for winter term warranted supplies, these contracts do have provisions to insure that if the contracted gas is not delivered, then: (1) the Supplier will pay any scheduling, imbalance, or cash-out penalties that the Company incurs due to non-performance by the Supplier; and (2) the Supplier will reimburse the Company for any costs over the cost of the contracted gas in order to replace the under-delivery. This would include unauthorized overrun gas, if necessary.

Please refer to Data Request Response No. ENG 2.41 in Docket No. 98-0709 for the previously provided copy of the GISB contract and Atmos' "Standard Provisions." The provisions are added to each GISB contract in exhibit form.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.39

**QUESTION:** If a spot market supplier fails to deliver the contracted amount of gas, what options does your utility have to make up for this undelivered amount. What additional cost would be incurred from this action? Provide workpapers.

**RESPONSE:** Generally, the pipelines notify us as soon as gas we have nominated is not being received. The Company then contacts the original Supplier to determine if the supply can be replaced. If not, the Company then contacts other Suppliers to replace the supply or utilize storage to meet the shortage. The replacement supply will be priced at the current market price, which may be higher or lower than the original purchase. The Company would be kept whole with the contract price through the replacement cost provision.

Submitted by: P. Dathe



UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.40

QUESTION: Explain all efforts your utility made during the reconciliation period to take advantage of favorable market conditions to renegotiate its contracts or to purchase from alternative market sources. If no contract renegotiations were attempted, explain why.

RESPONSE: The Company purchased all supply at market prices. Base supply contracts are priced at a first-of-the month index each month. Swing supply, if needed, is purchased at market prices. We do not currently have any gas supply contracts for Illinois, which are longer than one year in term. Therefore, the Company had no reason to renegotiate. The RFP process replaces the need for price renegotiations.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.41

**QUESTION:** Explain how your utility formulated each contract renegotiation position that it put forward and how it evaluated each contract renegotiation position put forward by a contracted supplier during the reconciliation period.

**RESPONSE:** There were no contracts with renegotiation positions during the reconciliation period.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.42

QUESTION: Provide a monthly summary of the gas, gas storage, propane, and manufactured gas feedstock quantities purchased and their price (\$/DTH) from the different sources during the reconciliation period. Also, indicate if the gas purchases were the result of a firm or spot contract.

RESPONSE: Please see ENG #2.33 for a list of gas supplies purchased. Attached are storage inventory sheets for each storage account which shows the month, volume, and cost of all storage injections.

Submitted by: P. Dathe

**UNITED CITIES GAS COMPANY**  
**Illinois Storage Injection Summary**  
**For the Year Ended December 31, 2000**

| Storage Account | Month  | Net Injection MMBtu | UNIT COST | TOTAL COST |
|-----------------|--------|---------------------|-----------|------------|
| 1641-15913      | Jan-00 | -                   | 4.05350   | -          |
|                 | Feb-00 | -                   | 4.05350   | -          |
|                 | Mar-00 | -                   | 4.05350   | -          |
|                 | Apr-00 |                     |           |            |
|                 | May-00 |                     |           |            |
|                 | Jun-00 | 4,188               | 4.57167   | 19,146.14  |
|                 | Jul-00 | 4,402               | 4.52053   | 19,899.35  |
|                 | Aug-00 | 6,324               | 4.01186   | 25,371.03  |
|                 | Sep-00 | 6,300               | 4.81194   | 30,315.20  |
|                 | Oct-00 | 5,735               | 5.51265   | 31,615.06  |
|                 | Nov-00 | 550                 | 4.79536   | 2,637.45   |
|                 | Dec-00 | -                   |           | -          |
| Total           |        | 27,499              |           | 128,984.23 |
| 1641-15914      | Jan-00 | -                   | -         |            |
|                 | Feb-00 | -                   | -         |            |
|                 | Mar-00 |                     |           |            |
|                 | Apr-00 | 3,563               | 2.79000   | 9,940.77   |
|                 | May-00 | 7,363               | 2.83690   | 20,888.09  |
|                 | Jun-00 | 7,125               | 4.42807   | 31,549.99  |
|                 | Jul-00 | 7,363               | 4.38307   | 32,272.56  |
|                 | Aug-00 | 7,683               | 3.67392   | 28,226.73  |
|                 | Sep-00 | 7,125               | 4.49750   | 32,044.68  |
|                 | Oct-00 | 7,363               | 5.38877   | 39,677.50  |
|                 | Nov-00 | 3,242               | 5.00936   | 16,240.33  |
|                 | Dec-00 | 385                 | 7.35912   | 2,833.26   |
| Total           |        | 51,212              |           | 213,673.91 |
| 1641-15915      | Jan-00 | -                   | -         |            |
|                 | Feb-00 | -                   | -         |            |
|                 | Mar-00 |                     |           |            |
|                 | Apr-00 | 1,488               | 2.90731   | 4,326.08   |
|                 | May-00 | 3,072               | 3.07671   | 9,451.64   |
|                 | Jun-00 | 2,973               | 4.42780   | 13,163.85  |
|                 | Jul-00 | 3,072               | 4.38307   | 13,464.79  |
|                 | Aug-00 | 3,206               | 3.67328   | 11,776.52  |
|                 | Sep-00 | 2,973               | 4.49750   | 13,371.06  |
|                 | Oct-00 | 3,072               | 5.38877   | 16,554.29  |
|                 | Nov-00 | 1,354               | 5.01055   | 6,784.28   |
|                 | Dec-00 | 192                 | 7.35912   | 1,412.95   |
| Total           |        | 21,402              |           | 90,305.46  |

**UNITED CITIES GAS COMPANY**  
**Illinois Storage Injection Summary**  
**For the Year Ended December 31, 2000**

| Storage Account   | Month  | Net Injection<br>MMBtu | UNIT COST | TOTAL COST |
|-------------------|--------|------------------------|-----------|------------|
| <b>1641-15920</b> | Jan-00 | 1,300                  | 2.37780   | 3,091.14   |
|                   | Feb-00 | 4,102                  | 2.61780   | 10,738.22  |
|                   | Mar-00 | 5,460                  | 2.59780   | 14,183.99  |
|                   | Apr-00 | 1,875                  | 2.85330   | 5,349.94   |
|                   | May-00 |                        |           | -          |
|                   | Jun-00 |                        |           | -          |
|                   | Jul-00 | 407                    | 4.04160   | 1,644.93   |
|                   | Aug-00 |                        |           | -          |
|                   | Sep-00 |                        |           | -          |
|                   | Oct-00 | 2,442                  | 6.14327   | 15,001.87  |
|                   | Nov-00 |                        | 6.14327   | -          |
|                   | Dec-00 | 2,080                  | 8.16484   | 16,982.87  |
|                   | Total  | 17,666                 |           | 66,992.94  |
| <b>1641-15929</b> | Jan-00 | -                      | 2.03300   | -          |
|                   | Feb-00 | 863                    | 2.27300   | 1,961.60   |
|                   | Mar-00 |                        |           | -          |
|                   | Apr-00 |                        |           |            |
|                   | May-00 |                        |           |            |
|                   | Jun-00 |                        |           |            |
|                   | Jul-00 |                        |           |            |
|                   | Aug-00 |                        |           |            |
|                   | Sep-00 |                        |           |            |
|                   | Oct-00 |                        |           |            |
|                   | Nov-00 |                        |           |            |
|                   | Dec-00 |                        |           |            |
|                   | Total  | 863                    |           | 1,961.60   |
| <b>1641-15930</b> | Jan-00 | -                      | 2.03300   | -          |
|                   | Feb-00 | 4,460                  | 2.57300   | 11,475.58  |
|                   | Mar-00 | 17,657                 | 2.53050   | 44,681.04  |
|                   | Apr-00 | 8,300                  | 2.81300   | 23,347.90  |
|                   | May-00 | 8,380                  | 3.00300   | 25,165.14  |
|                   | Jun-00 | -                      |           | -          |
|                   | Jul-00 | 3,694                  | 4.27300   | 15,784.46  |
|                   | Aug-00 | 410                    | 4.27300   | 1,751.93   |
|                   | Sep-00 | 1,967                  | 4.56509   | 8,979.53   |
|                   | Oct-00 | 10,359                 | 5.28012   | 54,696.71  |
|                   | Nov-00 | 4,164                  | 4.54606   | 18,929.80  |
|                   | Dec-00 |                        | 4.54606   | -          |
|                   | Total  | 59,391                 |           | 204,812.09 |

**UNITED CITIES GAS COMPANY**  
**Illinois Storage Injection Summary**  
**For the Year Ended December 31, 2000**

| <b>Storage<br/>Account</b> | <b>Month</b> | <b>Net Injection<br/>MMBtu</b> | <b>UNIT COST</b> | <b>TOTAL COST</b> |
|----------------------------|--------------|--------------------------------|------------------|-------------------|
| Grand Total                |              | 554,378                        | 4.33280          | 2,402,011.69      |

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.43

QUESTION: Explain all the provisions your utility attempted to have included in its contracts to help facilitate future renegotiation of the contracts. Explain any such provisions that were included in any contracts awarded during the reconciliation period.

RESPONSE: Generally, gas supply contracts for Illinois demand areas are short term (one year or less, and, often, only one month) in nature at market prices. Due to United Cities' policy to use a bidding process for competitive bids, provisions for renegotiation are not warranted.

Pipeline transportation and storage contracts are generally governed by pipeline tariffs, and provisions for future renegotiation would usually be standard for all customers on a given pipeline for a given service. United Cities endeavors to keep contract terms as short as possible, to stay as flexible as possible. For example, when Panhandle Eastern offered three year, five year, or ten year terms on its restructured contracts, we chose three year terms.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.44

**THE SPOT MARKET AND THE DISPATCH OF GAS SUPPLIES**

QUESTION: Explain how your utility monitored the spot market for gas during the reconciliation period.

RESPONSE: United Cities monitors the NYMEX Natural Gas Futures screen to get follow the trend in gas prices. United Cities also subscribes to Gas Daily Gas Price Index, which is faxed to its office every morning. This report discusses current cash prices and futures trends. It also includes an update on transportation issues and marketing companies. In addition, United Cities subscribes to Inside FERC's Gas Market Report and Natural Gas Intelligence.

Submitted by: P. Dathe



UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.45

**QUESTION:** Explain any constraints that prevented your utility from participating in the spot market for gas supplies to the full extent that your utility would have participated during the reconciliation period if the constraint had not existed. Include, but do not limit this explanation to, contracted gas oversupply situations, transportation limitations, and other physical or economic limitations of supply system components. Explain all possible remedies for these constraints. Explain what actions your utility has taken to remove these constraints and what actions your utility plans to take.

**RESPONSE:** With the implementation of Order 636, the Company converted all of its pipeline sales contracts to transportation contracts. As a result, there are no constraints on what type of gas the Company purchases. The Company bids for a mix of gas supplies (i.e. base, swing) to take advantage of market changes. The only transportation limitation we have is the fact that none of our service areas are served by more than one pipeline.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.46

QUESTION: Explain how your utility economically dispatches its gas supplies to minimize the overall cost of service to customers.

RESPONSE: United Cities purchases and injects gas into storage during the summer months when gas prices are traditionally lower. This gas is withdrawn from storage and blended with flowing market-priced gas in the winter months when gas prices are traditionally higher. The blending of storage gas with market-priced flowing gas minimizes the overall cost of service to our customers.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.47

**QUESTION:** Identify any occurrences during the reconciliation period when your utility dispatched its available gas supplies using any criteria other than minimizing the cost of reliable service to customers. Explain the circumstances, quantify the extra costs incurred, and explain what, if anything, can be done by your utility to economically prevent similar circumstances from occurring in the future.

**RESPONSE:** None.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.48

QUESTION: Provide a detailed listing of all gas suppliers, including utility owned sources, (and their associated volumes) that served your utility on February 4, April 8, June 29, October 14 and December 9 during the reconciliation period. For suppliers providing service under more than one contract, provide the listing for each contract. For each of the suppliers listed on the requested days, provide the average daily cost (variable) of each of the supplies used on that day (include all relevant variable charges including transportation). To the extent possible, explain why the particular supply sources were being used on those days and how the level of supply from those sources was selected.

RESPONSE:

See attachment.

Submitted by: Patti Dathe

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United Cities Gas Company  
 Illinois Commerce Commission  
 Docket 00-0723  
 Illinois Data Request EGE 2.48

February 4, 2000

April 8, 2000

| Supplier   | Pipeline  | Baseload Volume | Baseload Total Price | Swing Volume | Swing Total Price | Total Volume | Supplier   | Pipeline  | Baseload Volume | Baseload Total Price | Swing Volume | Swing Total Price | Total Volume |
|------------|-----------|-----------------|----------------------|--------------|-------------------|--------------|------------|-----------|-----------------|----------------------|--------------|-------------------|--------------|
| [REDACTED] | PEPL      | 1,990           | \$ [REDACTED]        | n/a          | [REDACTED]        | 1,990        | [REDACTED] | PEPL      | 700             | \$ [REDACTED]        | 0            | [REDACTED]        | 700          |
| [REDACTED] | PEPL      | 497             | \$ [REDACTED]        | 0            | [REDACTED]        | 497          | [REDACTED] | Trunkline | 1,250           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,250        |
| [REDACTED] | Trunkline | 2,500           | \$ [REDACTED]        | 0            | [REDACTED]        | 2,500        | [REDACTED] | TETCO     | 980             | \$ [REDACTED]        | 0            | [REDACTED]        | 980          |
| [REDACTED] | TETCO     | 1,946           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,946        | [REDACTED] | NGPL      | 2,040           | \$ [REDACTED]        | 0            | [REDACTED]        | 2,040        |
| [REDACTED] | NGPL      | 3,661           | \$ [REDACTED]        | 1975         | \$ [REDACTED]     | 5,636        |            |           |                 |                      |              |                   |              |

June 29, 2000

October 14, 2000

| Supplier   | Pipeline  | Baseload Volume | Baseload Total Price | Swing Volume | Swing Total Price | Total Volume | Supplier   | Pipeline  | Baseload Volume | Baseload Total Price | Swing Volume | Swing Total Price | Total Volume |
|------------|-----------|-----------------|----------------------|--------------|-------------------|--------------|------------|-----------|-----------------|----------------------|--------------|-------------------|--------------|
| [REDACTED] | PEPL      | 200             | \$ [REDACTED]        | 0            | [REDACTED]        | 200          | [REDACTED] | PEPL      | 593             | \$ [REDACTED]        | 0            | [REDACTED]        | 593          |
| [REDACTED] | Trunkline | 450             | \$ [REDACTED]        | 0            | [REDACTED]        | 450          | [REDACTED] | Trunkline | 1,000           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,000        |
| [REDACTED] | TETCO     | 1,952           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,952        | [REDACTED] | TETCO     | 1,924           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,924        |
| [REDACTED] | NGPL      | 1,750           | \$ [REDACTED]        | 0            | [REDACTED]        | 1,750        | [REDACTED] | NGPL      | 837             | \$ [REDACTED]        | 2,352        | \$ [REDACTED]     | 3,189        |

December 9, 2000

| Supplier   | Pipeline  | Baseload Volume | Baseload Total Price | Swing Volume | Swing Total Price | Total Volume |
|------------|-----------|-----------------|----------------------|--------------|-------------------|--------------|
| [REDACTED] | PEPL      | 2,272           | \$ [REDACTED]        | 0            | [REDACTED]        | 2,272        |
| [REDACTED] | Trunkline | 3,000           | \$ [REDACTED]        | 0            | [REDACTED]        | 3,000        |
| [REDACTED] | TETCO     | 880             | \$ [REDACTED]        | 0            | [REDACTED]        | 880          |
| [REDACTED] | NGPL      | 3,614           | \$ [REDACTED]        | 1805         | [REDACTED]        | 5,219        |

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UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.49

QUESTION: Provide a monthly listing that shows the supplier, volume and price paid for all local gas purchased during the reconciliation period. Also, provide a description of how frequently this gas is tested to ensure compliance with 83 Illinois Administrative Code Part 530 and how this gas is metered. Finally, provide all copies of tests completed that ensured the quality of this gas met Commission requirements.

RESPONSE: Please refer to the attached worksheet for a summary of local production Supplier information for Calendar Year 2000.

Gas from the production well is tested annually. Since the gas purchase contract existed prior to the July 1, 1987 effective date of Part 530, the standards do not apply.

Gas is metered by a ROOTS 1M600 rotary meter with a Mercury Instruments Mini-PT corrector.

Please refer to attached Gas Analytical Services, Inc. Fractional Analysis Report dated 9/22/99 describing gas quality.

Submitted By: P. Dathe

**CONFIDENTIAL**

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.49

QUESTION: Provide a monthly listing that shows the supplier, volume and price paid for all local gas purchased during the reconciliation period. Also, provide a description of how frequently this gas is tested to ensure compliance with 83 Illinois Administrative Code Part 530 and how this gas is metered. Finally, provide all copies of tests completed that ensured the quality of this gas met Commission requirements.

RESPONSE:

See attachment.

Submitted By: Patti Dathe



**CONFIDENTIAL**

UNITED CITIES GAS COMPANY,  
A Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.50

QUESTION: Provide a copy of the testimony and associated documents filed in this proceeding to the Staff Person listed below:

Dennis Anderson  
Engineering Department  
Illinois Commerce Commission  
527 East Capitol Avenue  
Springfield, IL 62701

RESPONSE:

See attachments.

Submitted By: Mark Martin

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.51

**THE GAS SYSTEM**

ENG 2.51 Provide your Company's monthly gas heating value for each month during the reconciliation period. If distinct values are used for different areas of your service territory, then provide each distinct value and identify the specific area of your territory that it applies.

RESPONSE: Please see attached worksheet.

The BTU measurement to the various service areas are provided by the individual interstate pipelines. There are no integrated systems in any of the service areas.

Submitted by: P. Dathe

ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 00-0723  
DATA REQUEST NO. ENG 2.51

[illegible]

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.52

ENG 2.52 Referring to your Company's response to ENG 2.51, explain how your Company determined the monthly gas heating value (if done more frequently than monthly, please explain) and how your Company verified this value.

RESPONSE: As the industry standard, we depend upon the heating value measurement provided by the pipeline. Our customers are billed on a ccf basis.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.53

ENG 2.53 If your Company takes natural gas from multiple pipelines, then explain how your Company determines the monthly gas heating value. Also, provide the monthly heating value of gas from each of those pipelines (also provide values for same pipeline, but different system; for example, NGPL with Amarillo and Gulf Coast) during the reconciliation period.

RESPONSE: The natural gas received from each pipeline, at each citygate meter, is measured by the pipeline individually. The monthly heating values are provided on the worksheet for ENG #2.51 above.

Submitted by: P. Dathe

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.54

ENG 2.54     If your Company relies upon the interstate pipeline's (or other parties) equipment in determining the natural gas' heating value, then explain how frequently this equipment is calibrated and how frequently your Company observes these calibrations. If your Company receives the calibration results, then explain if the calibration is done by the pipeline company or an certified outside agent or lab.

RESPONSE: The Company bills all sales customers on volumes (Ccf) not energy (dekatherms) and; therefore, the heating value of gas is not utilized.

Submitted by:     Brian Perlov

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.55

ENG 2.55 Did your utility receive any non-standard gas suppliers during the reconciliation period? If yes, then detail when the gas was received, who delivered it, the amount delivered, and how the gas supplied did not meet the acceptable standards.

RESPONSE: No. The Company did not receive any non-standard gas Suppliers during the reconciliation.

Submitted by: P. Dathe



UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.56

ENG 2.56 Explain, in detail, what your Company considered to be non-standard gas (heating value, certain level of contaminants, etc.).

RESPONSE: Gas received from the pipeline is warranted to be "pipeline quality" per the interstate pipeline tariffs as regulated by the FERC.

The local production from the Farris #1 Well, operated by Woerra, Inc., is the only local production currently purchased in the State of Illinois. Please find attached pages three through seven, "Section IV- Measurement" and "Section V- Quality" of the purchase contract with Woerra, Inc.

Submitted by: P. Dathe

UNITED STATES,  
DIVISION OF ALCOA  
ENERGY CORP.  
ILLINOIS COMMERCE  
COMMISSION  
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- (C) Seller shall provide and install a back check valve at the Delivery Point to insure that no gas from Buyer's system flows back into Seller's production facility.

IV. Measurement

- (A) The Unit of Volume for measurement of gas delivered hereunder shall be 1 Mcf, or 1,000 cubic feet at a base temperature of 60 degrees Fahrenheit and at an absolute pressure of 14.73 pounds per square inch and otherwise as provided by the Standard Gas Measurement Law. The billing units shall be MMBtu (One Million Btu) to be determined by adjusting the Mcf volume by the Btu content of the gas. All fundamental constants, observations, records and procedures involved in determining and/or verifying the quantity and other characteristics of gas delivered hereunder, unless otherwise specified herein, shall be in accordance with good and acceptable industry practice.
- (B) Seller shall install, maintain, own and operate a Measurement Station located adjacent to the Delivery Facilities. Said Measurement Station shall be equipped with meter(s) of standard make and design commonly acceptable in the industry, so to accomplish the accurate measurement of gas delivered hereunder.
- (C) At least quarterly, Seller shall calibrate the meters and instruments or cause the same to be calibrated. Seller shall give Buyer sufficient notice in advance of such tests so that Buyer may, at its election, be present in person or by its representative to observe adjustments, if

any, which are made. In addition, Buyer shall have the right, at any time and at Buyer's expense, to verify Seller's calibration of Buyer's meters and instruments. All records from the calibration of meters and instruments shall become the property of Buyer.

- (D) Gas measurements from Seller's Measurement Station shall provide the basis for payment of the monthly quantity of gas purchased.
- (E) Seller shall provide Buyer with access to the meter(s) in the Measurement Station for the purpose of attaching telemetering equipment. All telemetering equipment is to be installed at Buyer's expense.
- (F) Seller shall provide a recording Calorimeter or other mutually acceptable device to continuously measure and record the gross heating value of the gas supplied to Buyer except as provided in Appendix B, if applicable. These gross heating value records shall be provided to Buyer at least quarterly or upon request.
- (G) Seller shall provide a flow controller or other mutually agreeable method of controlling the amount of gas that flows into Buyer's system at the Delivery Point. The controlling device will be calibrated and set by Buyer. The maximum daily gas delivery shall be 200 MCF, provided that the parties may mutually agree to change that amount.
- (H) Seller shall notify Buyer when production has been or is anticipated to be interrupted for a period of 24 hours or longer. Seller shall provide an estimate of the durations of such interruptions. Seller shall also notify Buyer when production is resumed and specify the daily production rate.

V. Quality

- (A) The gas as delivered by Seller to Buyer shall (i) be commercially free from dust, gums, gum-forming constituents, or other liquid or solid matter which might become separated from the gas in the course of transportation through pipelines, and (ii) not be subjected to any treatment or process which will change the chemical composition of any of the component parts of such gas, permit or cause the admission of oxygen or which will dilute such gas or otherwise cause it to fail to meet the Quality Specifications.
- (B) The gas as delivered by Seller to Buyer shall meet the following specifications:
- (1) Contain not more than one-fourth (1/4) grain of hydrogen sulfide per 100 cubic feet, as determined by the cadmium sulfate quantitative tests, as presently prescribed by applicable regulations;
  - (2) Contain not more than one (1) grain of total sulfur per 100 cubic feet;
  - (3) Contain not more than nine percent (9%) by volume of carbon dioxide, and contain not more than a total of 15% by volume of nonhydrocarbon gases;
  - (4) Contain not more than one-half percent (0.5%) by volume of oxygen;
  - (5) Have a temperature of not more than 110 degrees Fahrenheit, nor less than 32 degrees Fahrenheit, when delivered to Buyer;
  - (6) Contain not more than seven (7) pounds per million cubic feet of water vapor content;

- (7) Contain not more than five (5) pounds per million cubic feet of halogenated hydrocarbons; and
- (8) Have a Btu content measured on a dry basis, of no less than 900 and no more than 1,100 per cubic foot.
- (C) Tests shall be made, at Seller's expense, at least quarterly to verify compliance with the quality specifications listed in Section V(B) of this contract, except for water vapor content, which shall be tested monthly. A copy of the results from all tests shall be provided to Buyer. Additional tests may be required by Buyer, provided however, that if the results of the additional tests show compliance with the quality specifications listed in Section V(B) of this contract, such tests will be made at Buyer's expense.
- (D) Seller and Buyer shall have the right to be represented and to participate in all tests of gas delivered hereunder and to inspect any equipment used in determining the nature or quality of the gas.
- (E) All gas delivered by Seller to Buyer hereunder shall be odorized by Buyer. Buyer retains the right to place odorization equipment at the delivery site and to have access to the odorization equipment at all times.
- (F) Buyer shall have the right to refuse acceptance of any gas failing to conform to any of the specifications set forth in this contract.
- (G) Seller shall not introduce corrosion inhibitors, chemicals, antifreeze agents or other materials containing constituents harmful or injurious to Buyer's operations into gas delivered hereunder.

- (H) All gas delivered to Buyer from Seller shall be interchangeable with gas purchased from Texas Eastern Gas Pipeline Company.

VI. Delivery Facilities

- (A) The Delivery Facilities shall include the pipeline, valves and other appurtenances, downstream of the Measurement Station, necessary for Seller to deliver gas to buyer at the Delivery Point. Seller shall build and maintain all such Delivery Facilities in accordance with Buyer specifications as shown in Appendix A of this contract.
- (B) Buyer retains the right to serve any customers from the Delivery Facilities at Buyer's expense.
- (C) Seller agrees to allow Buyer the use of the Delivery Facilities and any Rights-of-Way containing said facilities in the event any of the following shall occur:
1. Seller is unable to deliver gas from said well(s).
  2. The gas Seller delivers does not meet the specifications contained herein.
  3. The parties hereto fail to mutually agree to extend or renew this contract.

UNITED CITIES GAS COMPANY,  
a Division of Atmos Energy Corporation  
ILLINOIS COMMERCE COMMISSION  
DOCKET #00-0723  
DATA REQUEST NO. ENG. 2.57

ENG 2.57 Referring to your Company's response to Staff data request ENG 2.05, provide the daily withdrawal and injection levels for each storage service and/or facility noted for the months of November and December. If injections were made during those months, please explain (i.e. storage service is used for daily balancing, injections allowed through mid-November, etc.).

Please see attachments. MRT daily withdrawal and injection levels are not available.

MRT- Used in daily balancing.

NGPL- Used in daily balancing.

TETCO Glasscock-Ellis- Used in daily balancing.

Wiseman- Used in daily balancing.

Egyptian- There were no injections during November or December, 2000.

PEPL- Used in daily balancing.

Trunkline- Used in daily balancing.

Submitted by: Patti Dathe